

Attorney's Docket No. 5051.338CT

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Conkling, et al.
Serial No. To Be Assigned
Filed: Concurrently Herewith
For: REGULARION OF QUINOLATE PHOSPHORIBOSYL TRANSFERASE
EXPRESSION

September 24, 2001

BOX PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

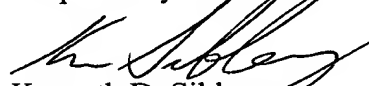


INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a list of documents on form PTO-1449. Items 1-60 listed on the PTO-1449 were cited in parent application Serial No. **09/021,286**, filed **February 10, 1998**. Since the benefit of this application is claimed under 35 U.S.C. §120, no copies need to be furnished in accordance with 37 C.F.R. §1.98(d); however, copies will be furnished on request. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.97 and Section 609 of the MPEP.

Respectfully submitted,


Kenneth D. Sibley
Registration No. 31,665



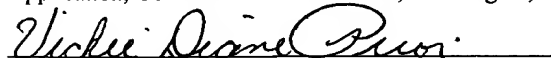
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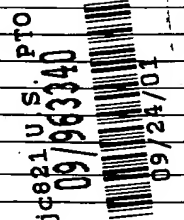
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Date of Signature: September 24, 2001

Substitute form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	To Be Assigned
				Filing Date	September 21, 2001
				First Named Inventor	Mark A. Conkling
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	5051.338CT



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	1	5,107,065		Shewmaker et al.	4/21/92	
	2	5,254,800		Bird et al.	10/19/93	
	3	5,260,205		Nakatani et al.	11/9/93	
	4	5,356,799		Fabijanski et al.	10/18/94	
	5	5,365,015		Grierson et al.	11/15/94	
	6	5,369,023		Nakatani et al.	11/29/94	
	7	5,451,514		Boudet et al.	9/19/95	
	8	5,453,566		Shewmaker et al.	9/26/95	
	9	5,610,288		Rubenstein	3/11/97	
	10	5,684,241		Nakatani et al.	11/4/97	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	11		WO 00/67558		PCT			
	12		WO 93/0546		PCT			
	13		WO 94/28142		PCT			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				T
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
	14	Burtin, D., et al., <i>Over expression of Arginine Decarboxylase in Transgenic Plants</i> , <u>Biochem. J.</u> , Vol. 325 (Part 2), pp. 331-337 (1997).		
	15	Bush, et al., <i>Nicotine Biosynthetic Enzymes of Burley Tobacco</i> , <u>Tobacco Abstracts</u> , Vol. 24, pg. 260 (1980)		
	16	Bush, et al., <i>Physiological Aspects of Genetic Variation in Nicotine Content in Tobacco (Nicotiana tabacum)</i> , <u>Tobacco Abstract</u> , Vol. 23, pg. 30 (1979).		
	17	Conkling, et al., <i>Isolation of transcriptionally regulated root-specific genes from tobacco</i> ; <u>Plant Physiology</u> , Vol. 93, No. 3, pp. 1203-1211 (1990)		
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	19	Cornelissen, et al., <i>Both RNA Level and Translation Efficiency are Reduced by Anti-Sense RNA in Transgenic Tobacco</i> , <u>Nucleic Acids Res.</u> , Vol. 17, No. 3., pp. 833-843 (1989).		
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	21	Cuozzo, et al., <i>Viral Protection in Transgenic Tobacco Plants Expressing the Cucumber Mosaic Virus Coat Protein Or Its Antisense RNA</i> , <u>Biotechnology</u> , Vol. 6, pp. 549-557 (1988)		
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	24	Feth, et al., <i>Regulation in Tobacco Callus or Enzyme Activities of the Nicotine Pathway</i> , <u>Planta</u> , Vol. 168, pp. 402-407		
	25	Hamill, et al.; <i>Over-expressing a yeast ornithine decarboxylase gene in transgenic roots of Nicotiana rustica can lead to enhanced nicotine accumulation</i> , <u>Plant Molecular Biology</u> , Vol. 15, pp. 27-38 (1990)		
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	27	Hibi, et al., <i>Gene Expression in Tobacco Low-Nicotine Mutants</i> , <u>Plant Cell</u> , Vol. 6, pp. 723-735 (1994)		
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	29	Hughes, Kelly T., et al., <i>The Salmonella typhimurium nadC Gene: Sequence Determination by Use of Mud-P22 and Purification of Quinolinate Phosphoribosyltransferase</i> , <u>Journal of Bacteriology</u> , Vol. 175, No. 2, pp. 479-486 (Jan. 1993)		
	30	Izant, et al., <i>Constitutive and conditional Suppression of Exogenous and Endogenous Genes by Anti-Sense RNA</i> , <u>Science</u> , Vol. 229, pp. 345-352 (1985)		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute form 1449A/PTO				Complete if Known	
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	31	Izant, et al., <i>Inhibition of Thymidine Kinase Gene Expression by Anti-Sense RNA: A Molecular Approach to Genetic Analysis</i> , <i>Cell</i> , Vol. 36, pp. 1007-1015 (April 1984)			
	32	Kim, et al., <i>Stable Reduction of Thymidine Kinase Activity in Cells Expressing High Levels of Anti-Sense RNA</i> , <i>Cell</i> , Vol. 42, pp. 129-138 (August 1985)			
	33	Lam, et al., <i>Site-Specific Mutations Alter In Vitro Factor Binding and Change Promoter Expression Pattern in Transgenic Plants</i> , <i>Proc. Nat. Acad. Sci. USA</i> , Vol. 86, pp. 7890-7894 (1989)			
	34	Lichtenstein, <i>Anti-sense RNA As A Tool To Study Plant Gene Expression</i> , <i>Nature</i> , Vol. 333, pp. 801-802 (1988)			
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	43	Rodermeil, et al., <i>Nuclear-Organelle Interactions: Nuclear Antisense Gene Inhibits Ribulose Biphosphate Carboxylase Enzyme Levels in Transformed Tobacco Plants</i> , <i>Cell</i> , Vol. 55, pp. 673-681 (1988)			
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	60	West, et al., <i>Duplex-Duplex Interactions Catalyzed by RecA Protein Allow Strand Exchanges to Pass Double-Strand Breaks in DNA</i> , <i>Cell</i> , pp. 683-691 (1984)			
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